

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L11   | 4    | "6381611".pn. "5715449".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/16<br>12:30 |
| L12   | 0    | 701/011.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/16<br>12:40 |
| L13   | 161  | 701/11.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/16<br>12:41 |
| L14   | 92   | 701/11.ccls. and vertical   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/16<br>12:41 |
| L15   | 97   | 701/11.ccls. and (vertical horizontal)                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/16<br>12:41 |
| L16   | 5    | 701/11.ccls. and (vertical horizontal) and (hierarchical hierarchy) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/16<br>12:42 |
| L17   | 8    | 701/11.ccls. and (vertical horizontal) and (menu)                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/16<br>12:42 |
| L18   | 134  | 244/186.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/16<br>12:43 |

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|-----|------|--|---|----|-----|---------------------|
| L19 | 1    | ("20050131945").PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:43 |
| L20 | 2264 | @ad <= "12162003" or<br>@riad <= "12162003")   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:43 |
| L21 | 1055 | 715/853.ccls.  | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:43 |
| L22 | 2    | ((("20030218641") or<br>("6462762"))).PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L23 | 7596 | 707/102.ccls.  | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L24 | 8854 | 707/104.1.ccls.  | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L25 | 1335 | L23 and L24  | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L26 | 5    | L25 and L21  | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L27 | 38   | ((("5704051") or<br>("5838319") or<br>("6147687") or<br>("5559945") or<br>("6334131") or<br>("6225999") or<br>("5491795") or<br>("5065347") or<br>("5812135") or<br>("5987469") or<br>("6252597") or<br>("6356899") or<br>("6240410") or<br>("6462762") or<br>("5742779") or<br>("6271846") or<br>("5701137") or<br>("5923328") or<br>("6028602") or<br>("5546507") or<br>("5623589") or<br>("5515487") or<br>("6055515") or<br>("6061064") or<br>("5644736") or<br>("5606654") or<br>("5930474") or<br>("6304260") or<br>("6108698") or<br>("6396488") or<br>("6430574") or<br>("6069630") or<br>("6496842") or<br>("6105062") or<br>("5621874") or | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |

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|     |       | ("6141010") or<br>("6496208") or<br>("5933140")).PN.  |   |    |     |                     |
| L28 | 2     | L27 and ((pop adj up "pop-up") adj (window pane area))  | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L29 | 68    | 715/715.ccls.   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L30 | 27    | L29 and (hierarchic\$5 tree nodes DOM (data adj structure))   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L31 | 20    | ((("20020047869") or<br>("20020054112") or<br>("20020069218") or<br>("20020075327") or<br>("20020112237") or<br>("20020135621") or<br>("20040125124") or<br>("20050010876") or<br>("20060090141") or<br>("5923328") or<br>("6028602") or<br>("6055515") or<br>("6252597") or<br>("6271846") or<br>("6496208") or<br>("6571253") or<br>("6717596") or<br>("6750890") or<br>("6868525") or<br>("6993773"))).PN. | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L32 | 4     | ("5504853"   "5644736"  <br>"5701137"   "5714971").<br>PN.  | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON  | 2009/04/16<br>12:44 |
| L33 | 48    | ("5714971").URPN.   | USPAT   | OR | ON  | 2009/04/16<br>12:44 |
| L34 | 36859 | (DOM tree hierarchy<br>hierarch\$5 data adj<br>structure) same (directory<br>window pane)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L35 | 22009 | (DOM tree hierarchy<br>hierarch\$5 data adj<br>structure node parent child<br>children) near3 (directory<br>window pane)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L36 | 16850 | ("pop-up" pop adj up) with<br>(window pane box dialog)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |

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| L37 | 91   | ("pop-up" pop adj up) with<br>(window pane box dialog)<br>near5 adjacent)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L38 | 10   | L35 and L37  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L39 | 81   | L37 not L38  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L40 | 16   | L34 and L37  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L41 | 1717 | L35 and L36  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L42 | 781  | L41 and (root)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L43 | 99   | L42 and (disappear delete<br>hide hidden) adj3 (window<br>pane box dialog) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L44 | 17   | L42 and (disappear delete<br>hide hidden) adj (window<br>pane box dialog)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L45 | 1    | ("6462762").PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L46 | 1    | ("7058905").PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L47 | 4    | ("5515487"   "5815155"  <br>"5825355"   "6738787").<br>PN.                 | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON  | 2009/04/16<br>12:44 |
| L48 | 3    | ((("6380947") or<br>("5714971") or<br>("6462762"))).PN.                    | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |

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| L49 | 2   | L48 and horizontal  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L50 | 2   | ((("6,252,597") or<br>("20040125124")).PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L51 | 196 | (linear same horizontal<br>same (arrangement<br>display) same window)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L52 | 47  | (linear with horizontal with<br>(arrangement display)<br>same window)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L53 | 19  | (linear with horizontal with<br>(arrangement display) with<br>window)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L54 | 19  | node with horizontal with<br>tree and pop\$1up  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L55 | 11  | ((("6734882") or<br>("6112201") or<br>("6760720") or<br>("5546529") or<br>("5452609") or<br>("6345273") or<br>("6625609") or<br>("6286002") or<br>("5815155") or<br>("20040239683") or<br>("5768581"))).PN.         | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L56 | 7   | L55 and (pop\$1up<br>window)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L57 | 10  | (US-20040239683-\$).did.<br>or (US-6691282-\$ or US-<br>5065347-\$ or US-6195094-<br>\$ or US-6734882-\$ or US-<br>6281896-\$ or US-5546529-<br>\$ or US-6285366-\$ or US-<br>6252597-\$ or US-5714971-<br>\$).did. | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L58 | 1   | ("20050131945").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |

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| L59 | 2264 | @ad <= "12162003" or<br>@riad <= "12162003")  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L60 | 1055 | 715/853.ccls.   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L61 | 2    | ((("20030218641") or<br>("6462762"))).PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L62 | 7596 | 707/102.ccls.   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L63 | 8854 | 707/104.1.ccls.   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L64 | 1335 | L62 and L63   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L65 | 5    | L64 and L60   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L66 | 38   | ((("5704051") or<br>("5838319") or<br>("6147687") or<br>("5559945") or<br>("6334131") or<br>("6225999") or<br>("5491795") or<br>("5065347") or<br>("5812135") or<br>("5987469") or<br>("6252597") or<br>("6356899") or<br>("6240410") or<br>("6462762") or<br>("5742779") or<br>("6271846") or<br>("5701137") or<br>("5923328") or<br>("6028602") or<br>("5546507") or<br>("5623589") or<br>("5515487") or<br>("6055515") or<br>("6061064") or<br>("5644736") or<br>("5606654") or<br>("5930474") or<br>("6304260") or<br>("6108698") or<br>("6396488") or<br>("6430574") or<br>("6069630") or<br>("6496842") or<br>("6105062") or<br>("5621874") or<br>("6141010") or<br>("6496208") or<br>("5933140"))).PN. | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |

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| L67 | 68    | 715/715.cds.  | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L68 | 27    | L67 and (hierarchic\$5 tree nodes DOM (data adj structure))   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L69 | 2     | L66 and ((pop adj up "pop-up") adj (window pane area))  | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L70 | 20    | ((("20020047869") or ("20020054112") or ("20020069218") or ("20020075327") or ("20020112237") or ("20020135621") or ("20040125124") or ("20050010876") or ("20060090141") or ("5923328") or ("6028602") or ("6055515") or ("6252597") or ("6271846") or ("6496208") or ("6571253") or ("6717596") or ("6750890") or ("6868525") or ("6993773")).PN. | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L71 | 4     | ("5504853"   "5644736"   "5701137"   "5714971").PN.   | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON  | 2009/04/16<br>12:44 |
| L72 | 48    | ("5714971").URPN.   | USPAT   | OR | ON  | 2009/04/16<br>12:44 |
| L73 | 36859 | (DOM tree hierarchy hierarch\$5 data adj structure) same (directory window pane)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L74 | 22009 | (DOM tree hierarchy hierarch\$5 data adj structure node parent child children) near3 (directory window pane)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L75 | 16850 | ("pop-up" pop adj up) with (window pane box dialog)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L76 | 91    | ("pop-up" pop adj up) with ((window pane box dialog) near5 adjacent)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |

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| L77 | 10   | L74 and L76  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L78 | 81   | L76 not L77  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L79 | 16   | L73 and L76  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L80 | 1717 | L74 and L75  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L81 | 781  | L80 and (root)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L82 | 99   | L81 and (disappear delete<br>hide hidden) adj3 (window<br>pane box dialog) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L83 | 17   | L81 and (disappear delete<br>hide hidden) adj (window<br>pane box dialog)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L84 | 1    | ("6462762").PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L85 | 1    | ("7058905").PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L86 | 4    | ("5515487"   "5815155"  <br>"5825355"   "6738787").<br>PN.                 | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON  | 2009/04/16<br>12:44 |
| L87 | 3    | ((("6380947") or<br>("5714971") or<br>("6462762"))).PN.                    | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L88 | 2    | L87 and horizontal   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L89 | 2    | ((("6,252,597") or<br>("20040125124"))).PN.                                | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |



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| L90 | 196    | (linear same horizontal same (arrangement display) same window)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L91 | 47     | (linear with horizontal with (arrangement display) same window)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L92 | 19     | (linear with horizontal with (arrangement display) with window)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L93 | 19     | node with horizontal with tree and pop\$1up  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L94 | 11     | ((("6734882") or ("6112201") or ("6760720") or ("5546529") or ("5452609") or ("6345273") or ("6625609") or ("6286002") or ("5815155") or ("20040239683") or ("5768581")).PN. | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L95 | 7      | L94 and (pop\$1up window)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L96 | 1055   | 715/853.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L97 | 182551 | (hierarch\$4)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L98 | 31     | (hierarch\$4) with (popup "pop up" "pop-up") with list   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |

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|------|----|--|---|----|----|---------------------|
| L99  | 1  | (hierarch\$4) with (popup "pop up" "pop-up") with list and (forward with backward with navigation) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L100 | 31 | (hierarch\$4) with (popup "pop up" "pop-up") with list   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L101 | 1  | 10/627747  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L102 | 2  | 10/627682  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L103 | 4  | ("20040153446"   "20040233238").PN.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L104 | 6  | ("20030218641"   "5644740"   "6381611").PN.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L105 | 2  | ("6154750").PN.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L106 | 2  | 10/877252  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L107 | 0  | 10/8771053   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L108 | 2  | 10/877105  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |

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| L109 | 1  | 10/654687   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2009/04/16<br>12:44 |
| L110 | 2  | 10/674210   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2009/04/16<br>12:44 |
| L111 | 3  | 10/692200   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2009/04/16<br>12:44 |
| L112 | 1  | 10/844817   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2009/04/16<br>12:44 |
| L113 | 2  | 10/692924   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2009/04/16<br>12:44 |
| L114 | 30 | ("20030177444"  <br>"20040001105"  <br>"20040130578"  <br>"20040233238"  <br>"20040233239"  <br>"20050066291"  <br>"20050114781"  <br>"5627980"   "5677708"  <br>"6549219"   "6618063"  <br>"6812940"   "6915492"  <br>"6983424"   "7143214").<br>PN. | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2009/04/16<br>12:44 |
| L115 | 16 | ("5801702"   "5812134"  <br>"5812135"   "5905498"  <br>"5940831"   "5950168"  <br>"5953017"   "5953724"  <br>"6131098"   "6154750").<br>PN. OR ("6381611").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/04/16<br>12:44 |
| L116 | 2  | "5715449".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |

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| L117 | 10   | horizontal with hierarchical with navigation          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L118 | 2    | "7058905".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L119 | 0    | horizontal with browser with (hierarchy hierarchical) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L120 | 1    | horizontal with browser same (hierarchy hierarchical) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L121 | 577  | NeXTStep  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L122 | 4    | NeXTStep adj browser                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L123 | 1    | 10/971953   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L124 | 1    | ("20050131945").PN.                                   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L125 | 2264 | (@ad <= "12162003" or @rlad <= "12162003")            | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2009/04/16<br>12:44 |
| L126 | 1055 | 715/853.ccls.   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L127 | 2    | ((("20030218641") or ("6462762"))).PN.                | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |

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| L128 | 7596 | 707/102.ccls.  | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L129 | 8854 | 707/104.1.ccls.  | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L130 | 1335 | L128 and L129  | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L131 | 5    | L130 and L126  | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L132 | 38   | (("5704051") or<br>("5838319") or<br>("6147687") or<br>("5559945") or<br>("6334131") or<br>("6225999") or<br>("5491795") or<br>("5065347") or<br>("5812135") or<br>("5987469") or<br>("6252597") or<br>("6356899") or<br>("6240410") or<br>("6462762") or<br>("5742779") or<br>("6271846") or<br>("5701137") or<br>("5923328") or<br>("6028602") or<br>("5546507") or<br>("5623589") or<br>("5515487") or<br>("6055515") or<br>("6061064") or<br>("5644736") or<br>("5606654") or<br>("5930474") or<br>("6304260") or<br>("6108698") or<br>("6396488") or<br>("6430574") or<br>("6069630") or<br>("6496842") or<br>("6105062") or<br>("5621874") or<br>("6141010") or<br>("6496208") or<br>("5933140"))).PN. | US-PGPUB;<br>USPAT | OR | OFF | 2009/04/16<br>12:44 |
| L133 | 2    | L132 and ((pop adj up<br>"pop-up") adj (window<br>pane area))  | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L134 | 68   | 715/715.ccls.  | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L135 | 27   | L134 and (hierarchic\$5<br>tree nodes DOM (data adj<br>structure))   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |

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|------|-------|--|---|----|-----|---------------------|
| L136 | 20    | (("20020047869") or ("20020054112") or ("20020069218") or ("20020075327") or ("20020112237") or ("20020135621") or ("20040125124") or ("20050010876") or ("20060090141") or ("5923328") or ("6028602") or ("6055515") or ("6252597") or ("6271846") or ("6496208") or ("6571253") or ("6717596") or ("6750890") or ("6868525") or ("6993773")).PN. | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L137 | 4     | ("5504853"   "5644736"   "5701137"   "5714971").PN.  | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON  | 2009/04/16<br>12:44 |
| L138 | 48    | ("5714971").URPN.  | USPAT   | OR | ON  | 2009/04/16<br>12:44 |
| L139 | 36859 | (DOM tree hierarchy hierarch\$5 data adj structure) same (directory window pane)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L140 | 22009 | (DOM tree hierarchy hierarch\$5 data adj structure node parent child children) near3 (directory window pane )  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L141 | 16850 | ("pop-up" pop adj up) with (window pane box dialog)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L142 | 91    | ("pop-up" pop adj up) with ((window pane box dialog) near5 adjacent)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L143 | 10    | L140 and L142  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |

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| L144 | 81   | L142 not L143   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L145 | 16   | L139 and L142   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L146 | 1717 | L140 and L141   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L147 | 781  | L146 and (root)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L148 | 99   | L147 and (disappear<br>delete hide hidden) adj3<br>(window pane box dialog) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L149 | 17   | L147 and (disappear<br>delete hide hidden) adj<br>(window pane box dialog)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L150 | 1    | ("6462762").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L151 | 1    | ("7058905").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L152 | 4    | ("5515487"   "5815155"  <br>"5825355"   "6738787").<br>PN.                  | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON  | 2009/04/16<br>12:44 |
| L153 | 3    | ((("6380947") or<br>("5714971") or<br>("6462762"))).PN.                     | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L154 | 2    | L153 and horizontal   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L155 | 2    | ((("6,252,597") or<br>("20040125124"))).PN.                                 | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L156 | 196  | (linear same horizontal<br>same (arrangement<br>display) same window)       | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |

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|------|------|--|---|----|-----|---------------------|
| L157 | 47   | (linear with horizontal with (arrangement display) same window)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L158 | 19   | (linear with horizontal with (arrangement display) with window)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L159 | 19   | node with horizontal with tree and pop\$1up  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L160 | 11   | ((("6734882") or ("6112201") or ("6760720") or ("5546529") or ("5452609") or ("6345273") or ("6625609") or ("6286002") or ("5815155") or ("20040239683") or ("5768581"))).PN.            | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L161 | 7    | L160 and (pop\$1up window)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L162 | 10   | (US-20040239683-\$).did. or (US-6691282-\$ or US-5065347-\$ or US-6195094-\$ or US-6734882-\$ or US-6281896-\$ or US-5546529-\$ or US-6285366-\$ or US-6252597-\$ or US-5714971-\$).did. | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L163 | 1    | ("20050131945").PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L164 | 2264 | (@ad <= "12162003" or @rlad <= "12162003")   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L165 | 1055 | 715/853.cds.   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L166 | 2    | ((("20030218641") or ("6462762"))).PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L167 | 7596 | 707/102.cds.   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |



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|------|------|---|--------------------|----|-----|---------------------|
| L168 | 8854 | 707/104.1.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L169 | 1335 | L167 and L168   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L170 | 5    | L169 and L165   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L171 | 38   | ((("5704051") or<br>("5838319") or<br>("6147687") or<br>("5559945") or<br>("6334131") or<br>("6225999") or<br>("5491795") or<br>("5065347") or<br>("5812135") or<br>("5987469") or<br>("6252597") or<br>("6356899") or<br>("6240410") or<br>("6462762") or<br>("5742779") or<br>("6271846") or<br>("5701137") or<br>("5923328") or<br>("6028602") or<br>("5546507") or<br>("5623589") or<br>("5515487") or<br>("6055515") or<br>("6061064") or<br>("5644736") or<br>("5606654") or<br>("5930474") or<br>("6304260") or<br>("6108698") or<br>("6396488") or<br>("6430574") or<br>("6069630") or<br>("6496842") or<br>("6105062") or<br>("5621874") or<br>("6141010") or<br>("6496208") or<br>("5933140"))).PN. | US-PGPUB;<br>USPAT | OR | OFF | 2009/04/16<br>12:44 |
| L172 | 68   | 715/715.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L173 | 27   | L172 and (hierarchic\$5<br>tree nodes DOM (data adj<br>structure))  | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L174 | 2    | L171 and ((pop adj up<br>"pop-up") adj (window<br>pane area))   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |

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| L175 | 20    | ((("20020047869") or ("20020054112") or ("20020069218") or ("20020075327") or ("20020112237") or ("20020135621") or ("20040125124") or ("20050010876") or ("20060090141") or ("5923328") or ("6028602") or ("6055515") or ("6252597") or ("6271846") or ("6496208") or ("6571253") or ("6717596") or ("6750890") or ("6868525") or ("6993773")).PN. | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L176 | 4     | ("5504853"   "5644736"   "5701137"   "5714971").PN.   | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON  | 2009/04/16<br>12:44 |
| L177 | 48    | ("5714971").URPN.   | USPAT   | OR | ON  | 2009/04/16<br>12:44 |
| L178 | 36859 | (DOM tree hierarchy hierarch\$5 data adj structure) same (directory window pane)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L179 | 22009 | (DOM tree hierarchy hierarch\$5 data adj structure node parent child children) near3 (directory window pane)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L180 | 16850 | ("pop-up" pop adj up) with (window pane box dialog)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L181 | 91    | ("pop-up" pop adj up) with (window pane box dialog) near5 adjacent)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L182 | 10    | L179 and L181   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |

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| L183 | 81   | L181 not L182   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L184 | 16   | L178 and L181   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L185 | 1717 | L179 and L180   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L186 | 781  | L185 and (root)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L187 | 99   | L186 and (disappear<br>delete hide hidden) adj3<br>(window pane box dialog) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L188 | 17   | L186 and (disappear<br>delete hide hidden) adj<br>(window pane box dialog)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L189 | 1    | ("6462762").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L190 | 1    | ("7058905").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L191 | 4    | ("5515487"   "5815155"  <br>"5825355"   "6738787").<br>PN.                  | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON  | 2009/04/16<br>12:44 |
| L192 | 3    | ((("6380947") or<br>("5714971") or<br>("6462762"))).PN.                     | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L193 | 2    | L192 and horizontal   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L194 | 2    | ((("6,252,597") or<br>("20040125124"))).PN.                                 | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L195 | 196  | (linear same horizontal<br>same (arrangement<br>display) same window)       | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |

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| L196 | 47     | (linear with horizontal with (arrangement display) same window)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L197 | 19     | (linear with horizontal with (arrangement display) with window)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L198 | 19     | node with horizontal with tree and pop\$1up   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L199 | 11     | ((("6734882") or ("6112201") or ("6760720") or ("5546529") or ("5452609") or ("6345273") or ("6625609") or ("6286002") or ("5815155") or ("20040239683") or ("5768581"))).PN. | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L200 | 7      | L199 and (pop\$1up window)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L201 | 1055   | 715/853.ccls.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L202 | 182551 | (hierarch\$4)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L203 | 31     | (hierarch\$4) with (popup "pop up" "pop-up") with list  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L204 | 1      | (hierarch\$4) with (popup "pop up" "pop-up") with list and (forward with backward with navigation)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |

|      |    |  |   |    |    |                     |
|------|----|--|---|----|----|---------------------|
| L205 | 31 | (hierarch\$4) with (popup "pop up" "pop-up") with list | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L206 | 1  | 10/627747  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L207 | 2  | 10/627682  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L208 | 4  | ("20040153446"  <br>"20040233238").PN.                 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L209 | 6  | ("20030218641"  <br>"5644740"   "6381611").<br>PN.     | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L210 | 2  | ("6154750").PN.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L211 | 2  | 10/877252  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L212 | 0  | 10/8771053   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L213 | 2  | 10/877105  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L214 | 1  | 10/654687  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |

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| L215 | 2    | 10/674210   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L216 | 3    | 10/692200   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L217 | 1    | 10/844817   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L218 | 2    | 10/692924   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L219 | 30   | ("20030177444"  <br>"20040001105"  <br>"20040130578"  <br>"20040233238"  <br>"20040233239"  <br>"20050066291"  <br>"20050114781"  <br>"5627980"   "5677708"  <br>"6549219"   "6618063"  <br>"6812940"   "6915492"  <br>"6983424"   "7143214").<br>PN. | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L220 | 16   | ("5801702"   "5812134"  <br>"5812135"   "5905498"  <br>"5940831"   "5950168"  <br>"5953017"   "5953724"  <br>"6131098"   "6154750").<br>PN. OR ("6381611").URPN.  | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON  | 2009/04/16<br>12:44 |
| L221 | 1    | ("20050131945").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L222 | 2264 | (@ad <= "12162003" or<br>@rlad <= "12162003")   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L223 | 1055 | 715/853.ccls.   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L224 | 2    | ((("20030218641") or<br>("6462762")).PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L225 | 7596 | 707/102.ccls.   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L226 | 8854 | 707/104.1.ccls.   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |

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|------|------|---|--------------------|----|-----|---------------------|
| L227 | 1335 | L225 and L226   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L228 | 5    | L227 and L223   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L229 | 38   | ((("5704051") or<br>("5838319") or<br>("6147687") or<br>("5559945") or<br>("6334131") or<br>("6225999") or<br>("5491795") or<br>("5065347") or<br>("5812135") or<br>("5987469") or<br>("6252597") or<br>("6356899") or<br>("6240410") or<br>("6462762") or<br>("5742779") or<br>("6271846") or<br>("5701137") or<br>("5923328") or<br>("6028602") or<br>("5546507") or<br>("5623589") or<br>("5515487") or<br>("6055515") or<br>("6061064") or<br>("5644736") or<br>("5606654") or<br>("5930474") or<br>("6304260") or<br>("6108698") or<br>("6396488") or<br>("6430574") or<br>("6069630") or<br>("6496842") or<br>("6105062") or<br>("5621874") or<br>("6141010") or<br>("6496208") or<br>("5933140"))).PN. | US-PGPUB;<br>USPAT | OR | OFF | 2009/04/16<br>12:44 |
| L230 | 2    | L229 and ((pop adj up<br>"pop-up") adj (window<br>pane area))   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L231 | 68   | 715/715.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L232 | 27   | L231 and (hierarchic\$5<br>tree nodes DOM (data adj<br>structure))  | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |

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|------|-------|---|---|----|-----|---------------------|
| L233 | 20    | ((("20020047869") or ("20020054112") or ("20020069218") or ("20020075327") or ("20020112237") or ("20020135621") or ("20040125124") or ("20050010876") or ("20060090141") or ("5923328") or ("6028602") or ("6055515") or ("6252597") or ("6271846") or ("6496208") or ("6571253") or ("6717596") or ("6750890") or ("6868525") or ("6993773")).PN. | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L234 | 4     | ("5504853"   "5644736"   "5701137"   "5714971").PN.   | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON  | 2009/04/16<br>12:44 |
| L235 | 48    | ("5714971").URPN.   | USPAT   | OR | ON  | 2009/04/16<br>12:44 |
| L236 | 36859 | (DOM tree hierarchy hierarch\$5 data adj structure) same (directory window pane)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L237 | 22009 | (DOM tree hierarchy hierarch\$5 data adj structure node parent child children) near3 (directory window pane)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L238 | 16850 | ("pop-up" pop adj up) with (window pane box dialog)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L239 | 91    | ("pop-up" pop adj up) with (window pane box dialog) near5 adjacent)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L240 | 10    | L237 and L239   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |



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| L241 | 81   | L239 not L240   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L242 | 16   | L236 and L239   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L243 | 1717 | L237 and L238   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L244 | 781  | L243 and (root)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L245 | 99   | L244 and (disappear<br>delete hide hidden) adj3<br>(window pane box dialog) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L246 | 17   | L244 and (disappear<br>delete hide hidden) adj<br>(window pane box dialog)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L247 | 1    | ("6462762").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L248 | 1    | ("7058905").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L249 | 4    | ("5515487"   "5815155"  <br>"5825355"   "6738787").<br>PN.                  | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON  | 2009/04/16<br>12:44 |
| L250 | 3    | ((("6380947") or<br>("5714971") or<br>("6462762"))).PN.                     | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L251 | 2    | L250 and horizontal   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L252 | 2    | ((("6,252,597") or<br>("20040125124"))).PN.                                 | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L253 | 196  | (linear same horizontal<br>same (arrangement<br>display) same window)       | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |

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| L254 | 47   | (linear with horizontal with (arrangement display) same window)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L255 | 19   | (linear with horizontal with (arrangement display) with window)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L256 | 19   | node with horizontal with tree and pop\$1up  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L257 | 11   | ((("6734882") or ("6112201") or ("6760720") or ("5546529") or ("5452609") or ("6345273") or ("6625609") or ("6286002") or ("5815155") or ("20040239683") or ("5768581"))).PN.            | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L258 | 7    | L257 and (pop\$1up window)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L259 | 10   | (US-20040239683-\$).did. or (US-6691282-\$ or US-5065347-\$ or US-6195094-\$ or US-6734882-\$ or US-6281896-\$ or US-5546529-\$ or US-6285366-\$ or US-6252597-\$ or US-5714971-\$).did. | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L260 | 1    | ("20050131945").PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L261 | 2264 | (@ad <= "12162003" or @rlad <= "12162003")   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L262 | 1055 | 715/853.cds.   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L263 | 2    | ((("20030218641") or ("6462762"))).PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L264 | 7596 | 707/102.cds.   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |

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|------|------|---|--------------------|----|-----|---------------------|
| L265 | 8854 | 707/104.1.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L266 | 1335 | L264 and L265   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L267 | 5    | L266 and L262   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L268 | 38   | ((("5704051") or<br>("5838319") or<br>("6147687") or<br>("5559945") or<br>("6334131") or<br>("6225999") or<br>("5491795") or<br>("5065347") or<br>("5812135") or<br>("5987469") or<br>("6252597") or<br>("6356899") or<br>("6240410") or<br>("6462762") or<br>("5742779") or<br>("6271846") or<br>("5701137") or<br>("5923328") or<br>("6028602") or<br>("5546507") or<br>("5623589") or<br>("5515487") or<br>("6055515") or<br>("6061064") or<br>("5644736") or<br>("5606654") or<br>("5930474") or<br>("6304260") or<br>("6108698") or<br>("6396488") or<br>("6430574") or<br>("6069630") or<br>("6496842") or<br>("6105062") or<br>("5621874") or<br>("6141010") or<br>("6496208") or<br>("5933140"))).PN. | US-PGPUB;<br>USPAT | OR | OFF | 2009/04/16<br>12:44 |
| L269 | 68   | 715/715.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L270 | 27   | L269 and ((hierarchic\$5<br>tree nodes DOM (data adj<br>structure))   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L271 | 2    | L268 and ((pop adj up<br>"pop-up") adj (window<br>pane area))   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |

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|------|-------|---|---|----|-----|---------------------|
| L272 | 20    | ((("20020047869") or ("20020054112") or ("20020069218") or ("20020075327") or ("20020112237") or ("20020135621") or ("20040125124") or ("20050010876") or ("20060090141") or ("5923328") or ("6028602") or ("6055515") or ("6252597") or ("6271846") or ("6496208") or ("6571253") or ("6717596") or ("6750890") or ("6868525") or ("6993773")).PN. | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L273 | 4     | ("5504853"   "5644736"   "5701137"   "5714971").PN.   | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON  | 2009/04/16<br>12:44 |
| L274 | 48    | ("5714971").URPN.   | USPAT   | OR | ON  | 2009/04/16<br>12:44 |
| L275 | 36859 | (DOM tree hierarchy hierarch\$5 data adj structure) same (directory window pane)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L276 | 22009 | (DOM tree hierarchy hierarch\$5 data adj structure node parent child children) near3 (directory window pane )   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L277 | 16850 | ("pop-up" pop adj up) with (window pane box dialog)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L278 | 91    | ("pop-up" pop adj up) with (window pane box dialog) near5 adjacent)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L279 | 10    | L276 and L278   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |

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| L280 | 81   | L278 not L279   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L281 | 16   | L275 and L278   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L282 | 1717 | L276 and L277   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L283 | 781  | L282 and (root)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L284 | 99   | L283 and (disappear<br>delete hide hidden) adj3<br>(window pane box dialog) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L285 | 17   | L283 and (disappear<br>delete hide hidden) adj<br>(window pane box dialog)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L286 | 1    | ("6462762").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L287 | 1    | ("7058905").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L288 | 4    | ("5515487"   "5815155"  <br>"5825355"   "6738787").<br>PN.                  | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON  | 2009/04/16<br>12:44 |
| L289 | 3    | ((("6380947") or<br>("5714971") or<br>("6462762"))).PN.                     | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L290 | 2    | L289 and horizontal   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L291 | 2    | ((("6,252,597") or<br>("20040125124"))).PN.                                 | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L292 | 196  | (linear same horizontal<br>same (arrangement<br>display) same window)       | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |

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|------|--------|---|---|----|-----|---------------------|
| L293 | 47     | (linear with horizontal with (arrangement display) same window)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L294 | 19     | (linear with horizontal with (arrangement display) with window)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L295 | 19     | node with horizontal with tree and pop\$1up   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L296 | 11     | ((("6734882") or ("6112201") or ("6760720") or ("5546529") or ("5452609") or ("6345273") or ("6625609") or ("6286002") or ("5815155") or ("20040239683") or ("5768581"))).PN. | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L297 | 7      | L296 and (pop\$1up window)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L298 | 1055   | 715/853.ccls.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L299 | 182551 | (hierarch\$4)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L300 | 31     | (hierarch\$4) with (popup "pop up" "pop-up") with list  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L301 | 1      | (hierarch\$4) with (popup "pop up" "pop-up") with list and (forward with backward with navigation)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |

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|------|----|--|---|----|----|---------------------|
| L302 | 31 | (hierarch\$4) with (popup "pop up" "pop-up") with list | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L303 | 1  | 10/627747  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L304 | 2  | 10/627682  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L305 | 4  | ("20040153446"  <br>"20040233238").PN.                 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L306 | 6  | ("20030218641"  <br>"5644740"   "6381611").<br>PN.     | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L307 | 2  | ("6154750").PN.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L308 | 2  | 10/877252  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L309 | 0  | 10/8771053   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L310 | 2  | 10/877105  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L311 | 1  | 10/654687  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |

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| L312 | 2  | 10/674210   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2009/04/16<br>12:44 |
| L313 | 3  | 10/692200   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2009/04/16<br>12:44 |
| L314 | 1  | 10/844817   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2009/04/16<br>12:44 |
| L315 | 2  | 10/692924   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2009/04/16<br>12:44 |
| L316 | 30 | ("20030177444"  <br>"20040001105"  <br>"20040130578"  <br>"20040233238"  <br>"20040233239"  <br>"20050066291"  <br>"20050114781"  <br>"5627980"   "5677708"  <br>"6549219"   "6618063"  <br>"6812940"   "6915492"  <br>"6983424"   "7143214").<br>PN. | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2009/04/16<br>12:44 |
| L317 | 16 | ("5801702"   "5812134"  <br>"5812135"   "5905498"  <br>"5940831"   "5950168"  <br>"5953017"   "5953724"  <br>"6131098"   "6154750").<br>PN. OR ("6381611").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/04/16<br>12:44 |
| L318 | 2  | "5715449".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |
| L319 | 10 | horizontal with hierarchical<br>with navigation   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:44 |



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| L320 | 2    | "7058905".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L321 | 0    | horizontal with browser<br>with (hierarchy<br>hierarchical) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L322 | 1    | horizontal with browser<br>same (hierarchy<br>hierarchical) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L323 | 577  | NeXTStep  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L324 | 4    | NeXTStep adj browser  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L325 | 1    | 10/971953   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L326 | 1    | ("20050131945").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L327 | 2264 | (@ad <= "12162003" or<br>@rlad <= "12162003")               | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2009/04/16<br>12:44 |
| L328 | 1055 | 715/853.ccls.   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L329 | 2    | ((("20030218641") or<br>("6462762")).PN.                    | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L330 | 7596 | 707/102.ccls.   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L331 | 8854 | 707/104.1.ccls.   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |

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|------|------|---|--------------------|----|-----|---------------------|
| L332 | 1335 | L330 and L331   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L333 | 5    | L332 and L328   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L334 | 38   | ((("5704051") or<br>("5838319") or<br>("6147687") or<br>("5559945") or<br>("6334131") or<br>("6225999") or<br>("5491795") or<br>("5065347") or<br>("5812135") or<br>("5987469") or<br>("6252597") or<br>("6356899") or<br>("6240410") or<br>("6462762") or<br>("5742779") or<br>("6271846") or<br>("5701137") or<br>("5923328") or<br>("6028602") or<br>("5546507") or<br>("5623589") or<br>("5515487") or<br>("6055515") or<br>("6061064") or<br>("5644736") or<br>("5606654") or<br>("5930474") or<br>("6304260") or<br>("6108698") or<br>("6396488") or<br>("6430574") or<br>("6069630") or<br>("6496842") or<br>("6105062") or<br>("5621874") or<br>("6141010") or<br>("6496208") or<br>("5933140"))).PN. | US-PGPUB;<br>USPAT | OR | OFF | 2009/04/16<br>12:44 |
| L335 | 2    | L334 and ((pop adj up<br>"pop-up") adj (window<br>pane area))   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L336 | 68   | 715/715.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L337 | 27   | L336 and (hierarchic\$5<br>tree nodes DOM (data adj<br>structure))  | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |

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|------|-------|--|---|----|-----|---------------------|
| L338 | 20    | ((("20020047869") or ("20020054112") or ("20020069218") or ("20020075327") or ("20020112237") or ("20020135621") or ("20040125124") or ("20050010876") or ("20060090141") or ("5923328") or ("6028602") or ("6055515") or ("6252597") or ("6271846") or ("6496208") or ("6571253") or ("6717596") or ("6750890") or ("6868525") or ("6993773"))).PN. | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L339 | 4     | ("5504853"   "5644736"   "5701137"   "5714971").PN.  | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON  | 2009/04/16<br>12:44 |
| L340 | 48    | ("5714971").URPN.  | USPAT   | OR | ON  | 2009/04/16<br>12:44 |
| L341 | 36859 | (DOM tree hierarchy hierarch\$5 data adj structure) same (directory window pane)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L342 | 22009 | (DOM tree hierarchy hierarch\$5 data adj structure node parent child children) near3 (directory window pane )  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L343 | 16850 | ("pop-up" pop adj up) with (window pane box dialog)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L344 | 91    | ("pop-up" pop adj up) with (window pane box dialog) near5 adjacent)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L345 | 10    | L342 and L344  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |

|      |      |   |   |    |     |                     |
|------|------|---|---|----|-----|---------------------|
| L346 | 81   | L344 not L345   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L347 | 16   | L341 and L344   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L348 | 1717 | L342 and L343   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L349 | 781  | L348 and (root)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L350 | 99   | L349 and (disappear<br>delete hide hidden) adj3<br>(window pane box dialog) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L351 | 17   | L349 and (disappear<br>delete hide hidden) adj<br>(window pane box dialog)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L352 | 1    | ("6462762").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L353 | 1    | ("7058905").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L354 | 4    | ("5515487"   "5815155"  <br>"5825355"   "6738787").<br>PN.                  | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON  | 2009/04/16<br>12:44 |
| L355 | 3    | ((("6380947") or<br>("5714971") or<br>("6462762"))).PN.                     | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L356 | 2    | L355 and horizontal   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L357 | 2    | ((("6,252,597") or<br>("20040125124"))).PN.                                 | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L358 | 196  | (linear same horizontal<br>same (arrangement<br>display) same window)       | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |

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| L359 | 47   | (linear with horizontal with (arrangement display) same window)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L360 | 19   | (linear with horizontal with (arrangement display) with window)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L361 | 19   | node with horizontal with tree and pop\$1up  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L362 | 11   | ((("6734882") or ("6112201") or ("6760720") or ("5546529") or ("5452609") or ("6345273") or ("6625609") or ("6286002") or ("5815155") or ("20040239683") or ("5768581"))).PN.            | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L363 | 7    | L362 and (pop\$1up window)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L364 | 10   | (US-20040239683-\$).did. or (US-6691282-\$ or US-5065347-\$ or US-6195094-\$ or US-6734882-\$ or US-6281896-\$ or US-5546529-\$ or US-6285366-\$ or US-6252597-\$ or US-5714971-\$).did. | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L365 | 1    | ("20050131945").PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L366 | 2264 | (@ad <= "12162003" or @rlad <= "12162003")   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L367 | 1055 | 715/853.cds.   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |
| L368 | 2    | ((("20030218641") or ("6462762"))).PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L369 | 7596 | 707/102.cds.   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/16<br>12:44 |

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|------|------|---|--------------------|----|-----|---------------------|
| L370 | 8854 | 707/104.1.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L371 | 1335 | L369 and L370   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L372 | 5    | L371 and L367   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L373 | 38   | ((("5704051") or<br>("5838319") or<br>("6147687") or<br>("5559945") or<br>("6334131") or<br>("6225999") or<br>("5491795") or<br>("5065347") or<br>("5812135") or<br>("5987469") or<br>("6252597") or<br>("6356899") or<br>("6240410") or<br>("6462762") or<br>("5742779") or<br>("6271846") or<br>("5701137") or<br>("5923328") or<br>("6028602") or<br>("5546507") or<br>("5623589") or<br>("5515487") or<br>("6055515") or<br>("6061064") or<br>("5644736") or<br>("5606654") or<br>("5930474") or<br>("6304260") or<br>("6108698") or<br>("6396488") or<br>("6430574") or<br>("6069630") or<br>("6496842") or<br>("6105062") or<br>("5621874") or<br>("6141010") or<br>("6496208") or<br>("5933140"))).PN. | US-PGPUB;<br>USPAT | OR | OFF | 2009/04/16<br>12:44 |
| L374 | 68   | 715/715.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L375 | 27   | L374 and (hierarchic\$<br>tree nodes DOM (data adj<br>structure))   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |
| L376 | 2    | L373 and ((pop adj up<br>"pop-up") adj (window<br>pane area))   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>12:44 |

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|------|-------|--|---|----|-----|---------------------|
| L377 | 20    | (("20020047869") or ("20020054112") or ("20020069218") or ("20020075327") or ("20020112237") or ("20020135621") or ("20040125124") or ("20050010876") or ("20060090141") or ("5923328") or ("6028602") or ("6055515") or ("6252597") or ("6271846") or ("6496208") or ("6571253") or ("6717596") or ("6750890") or ("6868525") or ("6993773")).PN. | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L378 | 4     | ("5504853"   "5644736"   "5701137"   "5714971").PN.  | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON  | 2009/04/16<br>12:44 |
| L379 | 48    | ("5714971").URPN.  | USPAT   | OR | ON  | 2009/04/16<br>12:44 |
| L380 | 36859 | (DOM tree hierarchy hierarch\$5 data adj structure) same (directory window pane)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L381 | 22009 | (DOM tree hierarchy hierarch\$5 data adj structure node parent child children) near3 (directory window pane )  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L382 | 16850 | ("pop-up" pop adj up) with (window pane box dialog)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L383 | 91    | ("pop-up" pop adj up) with ((window pane box dialog) near5 adjacent)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L384 | 10    | L381 and L383  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |

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| L385 | 81   | L383 not L384   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L386 | 16   | L380 and L383   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L387 | 1717 | L381 and L382   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L388 | 781  | L387 and (root)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L389 | 99   | L388 and (disappear<br>delete hide hidden) adj3<br>(window pane box dialog) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L390 | 17   | L388 and (disappear<br>delete hide hidden) adj<br>(window pane box dialog)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L391 | 1    | ("6462762").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L392 | 1    | ("7058905").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L393 | 4    | ("5515487"   "5815155"  <br>"5825355"   "6738787").<br>PN.                  | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON  | 2009/04/16<br>12:44 |
| L394 | 3    | ((("6380947") or<br>("5714971") or<br>("6462762"))).PN.                     | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:44 |
| L395 | 2    | L394 and horizontal   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:44 |
| L396 | 2    | ((("6,252,597") or<br>("20040125124"))).PN.                                 | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:45 |
| L397 | 196  | (linear same horizontal<br>same (arrangement<br>display) same window)       | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:45 |



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| L398 | 47     | (linear with horizontal with (arrangement display) same window)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:45 |
| L399 | 19     | (linear with horizontal with (arrangement display) with window)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:45 |
| L400 | 19     | node with horizontal with tree and pop\$1up   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:45 |
| L401 | 11     | ((("6734882") or ("6112201") or ("6760720") or ("5546529") or ("5452609") or ("6345273") or ("6625609") or ("6286002") or ("5815155") or ("20040239683") or ("5768581"))).PN. | US-PGPUB;<br>USPAT  | OR | OFF | 2009/04/16<br>12:45 |
| L402 | 7      | L401 and (pop\$1up window)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:45 |
| L403 | 1055   | 715/853.ccls.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:45 |
| L404 | 182551 | (hierarch\$4)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:45 |
| L405 | 31     | (hierarch\$4) with (popup "pop up" "pop-up") with list  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:45 |
| L406 | 1      | (hierarch\$4) with (popup "pop up" "pop-up") with list and (forward with backward with navigation)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/16<br>12:45 |

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| L407 | 31 | (hierarch\$4) with (popup "pop up" "pop-up") with list | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:45 |
| L408 | 1  | 10/627747  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:45 |
| L409 | 2  | 10/627682  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:45 |
| L410 | 4  | ("20040153446"  <br>"20040233238").PN.                 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:45 |
| L411 | 6  | ("20030218641"  <br>"5644740"   "6381611").<br>PN.     | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:45 |
| L412 | 2  | ("6154750").PN.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:45 |
| L413 | 2  | 10/877252  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:45 |
| L414 | 0  | 10/8771053   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:45 |
| L415 | 2  | 10/877105  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:45 |
| L416 | 1  | 10/654687  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:45 |

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|------|----|---|---|----|----|---------------------|
| L417 | 2  | 10/674210   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2009/04/16<br>12:45 |
| L418 | 3  | 10/692200   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2009/04/16<br>12:45 |
| L419 | 1  | 10/844817   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2009/04/16<br>12:45 |
| L420 | 2  | 10/692924   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2009/04/16<br>12:45 |
| L421 | 30 | ("20030177444"  <br>"20040001105"  <br>"20040130578"  <br>"20040233238"  <br>"20040233239"  <br>"20050066291"  <br>"20050114781"  <br>"5627980"   "5677708"  <br>"6549219"   "6618063"  <br>"6812940"   "6915492"  <br>"6983424"   "7143214").<br>PN. | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2009/04/16<br>12:45 |
| L422 | 16 | ("5801702"   "5812134"  <br>"5812135"   "5905498"  <br>"5940831"   "5950168"  <br>"5953017"   "5953724"  <br>"6131098"   "6154750").<br>PN. OR ("6381611").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/04/16<br>12:45 |
| L423 | 4  | "6381611".pn. "5715449".<br>pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:45 |
| L424 | 2  | "7058905".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:45 |

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| L425 | 2 | "6670974".pn.     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:45 |
| L426 | 1 | 10/838924         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:45 |
| L427 | 1 | 10/839924         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:45 |
| L428 | 2 | "20050256866".pn. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:45 |
| L429 | 2 | "20050087645".pn. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:45 |
| L430 | 2 | "20020087645".pn. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/16<br>12:45 |

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